

**AUTOMATIC WORK ORDER/PARTS ORDER  
GENERATION AND TRACKING**

**ABSTRACT**

A process control system uses an asset utilization expert to collect data or  
5 information pertaining to the assets of a process plant from various sources or  
functional areas of the plant including, for example, the process control functional  
areas, the maintenance functional areas and the business systems functional areas.  
This data and information is manipulated in a coordinated manner by tools, such as  
optimization and modeling tools and is redistributed to other areas or tools where it is  
10 used to perform overall better or more optimal control, maintenance and business  
activities. Information or data may be collected by maintenance functions pertaining  
to the health, variability, performance or utilization of a device, loop, unit, etc. and  
this information may then be sent to and displayed to a process operator or  
maintenance person to inform that person of a current or future problem. An  
15 application, such as a work order generation application, may automatically generate  
work orders, parts or supplies orders, etc. based on events occurring within the plant.